

S1 1 PN='DE 3366982'
? t s1/9/1

1/9/1

DIALOG(R)File 351:Derwent WPI

(c) 2003 Thomson Derwent. All rts. reserv.

003892822

WPI Acc No: 1984-038363/198407

XRPX Acc No: N84-029101

**Support system for trench walls - consists of panels supported by
vertical guide rails and transverse struts with guide slot**

Patent Assignee: EMUNDS & STAUDINGER GMBH & CO (EMUN-N); SCHORCO TRENCH
SYST LTD (SCHO-N); SHORCO TRENCH SYST LTD (SHOR-N)

Inventor: THOMPSON A N

Number of Countries: 013 Number of Patents: 006

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
EP 100083	A	19840208	EP 83107270	A	19830725	198407 B
WO 8400572	A	19840216	WO 83EP198	A	19830725	198408
DE 3243120	A	19840524	DE 3243120	A	19821122	198422
EP 116569	A	19840829	EP 83902253	A	19830725	198435
EP 100083	B	19861015			198642	
DE 3366982	G	19861120			198648	

Priority Applications (No Type Date): DE 3243120 A 19821122; GB 8221315 A
19820723

Cited Patents: EP 46553; GB 2018857

Patent Details:

Patent No Kind Lan Pg Main IPC Filing Notes

EP 100083 A G 16

Designated States (Regional): IT

WO 8400572 A G

Designated States (National): JP US

Designated States (Regional): AT BE CH DE FR GB LU NL SE

EP 116569 A G

Designated States (Regional): AT BE CH DE FR GB LI LU NL SE

EP 100083 B G

Designated States (Regional): AT BE CH DE FR GB IT LI LU NL SE

Abstract (Basic): EP 100083 A

Vertically sliding pairs of panels (2,3) have lateral edges sliding
in struts (1). The outer panel (2) has a raised edge (99) which abuts
against a roller (11) and slides in the side recess of the I-section
strut. The latter carries a shaft (10) for four rollers (11,12).

It is supported by an adjustable horizontal strut (4) mounted
transversely across the trench. The inner panel (3) slides between the
outer panel and one roller (12). The other end of the transverse strut
is attached to a second vertical strut fitted with guide rollers (11').

1/4

Title Terms: SUPPORT; SYSTEM; TRENCH; WALL; CONSIST; PANEL; SUPPORT;
VERTICAL; GUIDE; RAIL; TRANSVERSE; STRUT; GUIDE; SLOT

Derwent Class: Q42

International Patent Class (Additional): E02B-017/08; E02D-017/08

File Segment: EngPI